

# **ABSTRACT**

**An FePt magnetic thin film, characterized in that it has an atomic composition represented by the following formula:**

**$\text{Fe}_x\text{Pt}_{100-x}$**

**wherein  $19 < x < 52$ ;**

**and a method for manufacturing the FePt magnetic thin film. The FePt magnetic thin film is novel, can be formed at a lowered temperature, and further, has perpendicular magnetic anisotropy.**